



Figure S7. MS/MS spectra of desoxydysinosin B (25) . The upper panel shows the MS¹ of **25**. The lower panel shows the MS² for the 765.3327 parent mass, which is the glycosylated version of **24**. Similar fragmentation is seen in the MS² for **25**. Again, the main ion is the loss of sulfate (m/z 685.3779), followed by a loss of glucose (m/z 523.3259). The glycosylated fragment with a loss of sulfate and loss of both terminal amino groups from the guanadyl moiety can be seen (m/z 643.3323). The glycosylated Choi and guanadyl core is seen (m/z 484.2889) as well as the loss of both terminal amino groups (m/z 442.2736). The remaining fragments labelled with an asterisk match those seen in **24**.